



1.2	7043	12 and (spin5 valve spin adj valve) and (spin true cone magnet5 (test64))	US-PGPUB; USPAT; USOCR, FPKS; EPO, IPO; DERWENT; JEM, TDB	OK	ON	2008/08/30 13-32
1.3	4724	12 and (primed fixed hard) near3 (layer level)	US-PGPUB; USPAT; USOCR, FPKS; EPO, IPO; DERWENT; JEM, TDB	OK	ON	2008/08/30 13-32
1.4	271	13 and (bridge whetstone)	US-PGPUB; USPAT; USOCR, FPKS; EPO, IPO; DERWENT; JEM, TDB	OK	ON	2008/08/30 13-32
1.5	81	13 and (12" two phase35 multi65 additional) near3 (bridge whetstone) dual3 (bridge dual adj bridge dual3 whetstone dual adj whetstone)	US-PGPUB; USPAT; USOCR, FPKS; EPO, IPO; DERWENT; JEM, TDB	OK	ON	2008/08/30 13-32
1.6	2953	324/207.21.252.cdn.338/328.cdn	US-PGPUB; USPAT; USOCR, FPKS; EPO, IPO; DERWENT; JEM, TDB	OK	ON	2008/08/30 13-32
1.7	570	16 and (spin5 valve spin adj valve)	US-PGPUB; USPAT; USOCR, FPKS; EPO, IPO; DERWENT; JEM, TDB	OK	ON	2008/08/30 13-32
1.8	7	"20030073497" "200610381" "617526" "5813637" "6166079" "5501678" "6448834".PN	US-PGPUB; USPAT; USOCR	OK	ON	2008/08/30 13-32
1.9	11	"5501678".URPN	USPAT	OK	ON	2008/08/30 13-32
1.20	8	"5477482" "5501388" "5617071" "5645825" "6100686" "6175269" "6178111" "6329818".PN	US-PGPUB; USPAT; USOCR	OK	ON	2008/08/30 13-32
1.21	3389	12 and direction near3 magnet55	US-PGPUB; USPAT; USOCR, FPKS; EPO, IPO; DERWENT; JEM, TDB	OK	ON	2008/08/30 13-32
1.22	377	121 and (bridge whetstone)	US-PGPUB; USPAT; USOCR, FPKS; EPO, IPO; DERWENT; JEM, TDB	OK	ON	2008/08/30 13-32
1.23	200	122 not L5	US-PGPUB; USPAT; USOCR, FPKS; EPO, IPO; DERWENT; JEM, TDB	OK	ON	2008/08/30 13-32
1.24	4934	12 and (primed fixed hard) near3 (layer level direction) direction near3 magnet55	US-PGPUB; USPAT; USOCR, FPKS; EPO, IPO; DERWENT; JEM, TDB	OK	ON	2008/08/30 13-32
1.25	2583	124 and (spin5 valve spin adj valve)	US-PGPUB; USPAT; USOCR, FPKS; EPO, IPO; DERWENT; JEM, TDB	OK	ON	2008/08/30 13-32

1.26	25391	324/207 21.252.cels. 338/328.cels. 369/333/43/313/6317/318/318/1310/320/321/327/323/334/334/1334/11/334/12/334/235/326/327/327/1327/11/327/2327/21/327/22/327/23/327/24/327/31/327/32/327/33.cels. 438/310/14/17/48.cels. 29/902/592/1955/602/1603/01.cels.	US-PGPUB; USPAT; USOCR,FPKS; EPO,IPQ; DERWENT; JEM_IDB	FOR	FOR	2008/08/30 13-32
1.27	17433	1.26 and (substrate semiconductor wafer)	US-PGPUB; USPAT; USOCR,FPKS; EPO,IPQ; DERWENT; JEM_IDB	FOR	FOR	2008/08/30 13-32
1.28	4934	1.27 and (pinned fixed hard) next3 (layer level direction) direction next3 magnetic55	US-PGPUB; USPAT; USOCR,FPKS; EPO,IPQ; DERWENT; JEM_IDB	FOR	FOR	2008/08/30 13-32
1.29	2583	1.28 and (spin3 valve spin adj valve)	US-PGPUB; USPAT; USOCR,FPKS; EPO,IPQ; DERWENT; JEM_IDB	FOR	FOR	2008/08/30 13-32
1.30	721	1.29 and (bridge whetstone) ("2" two second additional pluralS3 multipS3 next5 (gmr tun magnets51resis44 magnetic next3 resis54 sens3 detectS3 probe transducer) same (pinned fixed hard) next3 (layer level direction) direction next3 magnetic55) with (crossS3 perpendicularS2 orthogonalS2 normalS2))	US-PGPUB; USPAT; USOCR,FPKS; EPO,IPQ; DERWENT; JEM_IDB	FOR	FOR	2008/08/30 13-32
1.31	5	"200200060117" "5315282" "5561368" "5945825" "6466053".PN.	US-PGPUB; USPAT,USOCR	FOR	FOR	2008/08/30 13-32
1.32	1110	1.28 and (bridge whetstone) ("2" two second additional pluralS3 multipS3 next5 (gmr tun magnets51resis44 magnetic next3 resis54 sens3 detectS3 probe transducer) same (pinned fixed hard) next3 (layer level direction) direction next3 magnetic55) with (crossS3 perpendicularS2 orthogonalS2 normalS2))	US-PGPUB; USPAT; USOCR,FPKS; EPO,IPQ; DERWENT; JEM_IDB	FOR	FOR	2008/08/30 13-32
1.33	389	1.32 not 1.30	US-PGPUB; USPAT; USOCR,FPKS; EPO,IPQ; DERWENT; JEM_IDB	FOR	FOR	2008/08/30 13-32
1.34	19551	(pinned fixed hard) next3 (layer level direction) direction next3 magnetic55 and (magnets51resis44 magnetic next3 resis54 gmr tun)	US-PGPUB; USPAT; USOCR,FPKS; EPO,IPQ; DERWENT; JEM_IDB	FOR	FOR	2008/08/30 13-32
1.35	2688	1.34 and (substrate semiconductor wafer)	US-PGPUB; USPAT; USOCR,FPKS; EPO,IPQ; DERWENT; JEM_IDB	FOR	FOR	2008/08/30 13-32
1.36	1028	1.35 and ("2" two second additional pluralS3 multipS3 next5 (gmr tun magnets51resis44 magnetic next3 resis54 sens3 detectS3 probe transducer) same (pinned fixed hard) next3 (layer level direction) direction next3 magnetic55) with (crossS3 perpendicularS2 orthogonalS2 normalS2))	US-PGPUB; USPAT; USOCR,FPKS; EPO,IPQ; DERWENT; JEM_IDB	FOR	FOR	2008/08/30 13-32
1.37	318	1.36 not 1.33 not 1.30	US-PGPUB; USPAT; USOCR,FPKS; EPO,IPQ; DERWENT; JEM_IDB	FOR	FOR	2008/08/30 13-32
1.38	1054	1.35 and (bridge whetstone)	US-PGPUB; USPAT; USOCR,FPKS; EPO,IPQ; DERWENT; JEM_IDB	FOR	FOR	2008/08/30 13-32

L39	S43	L39 not L37 not L33 not L30	US-PG-PUB;	SOR	SIN	20080830
			USPAT;			13-32
			USOCR,FPKS;			
			EPO, IPO;			
			DERWENT;			
			JEM_IDB			

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